

INSTECH LOW TEMPERATURE PLASMA STERILIZER

Product Features

INSTECH low temperature plasma sterilizers are ideal for sterilizing medical devices in a cost, time and energy efficient way.

INSTECH offers low temperature plasma sterilizers with latest technology, excellent performance. rapid sterilization cycle, environmental friendly, easy installation (no site modification), safe usage for staff and patients.

INSTECH products come with user-friendly touch interface and USB interface.

- Consumables
- Incubator
- Biological Indicator
- Chemical Indicator Strip
- Automatic sealing machine
- Tyvek Pouch SMMMS Wrapping sheet Tray
- Soft lumen
- H₂O₂ container

Materials suitable for INSTECH low temperature plasma sterilizer include:

- Acetal Resins
- Aluminium
- EVA (Ethyl-Vinyl-acetate)
- Glass
- Kraton
- PC (Polycarbonate)
- Polyethyiene
- Polyetherimide(PEI)
- PMMA (Polymethyl Methacrylate)
- Polymer
- Polyolefin
- PP(Poly-Propylene)
- Polystyrene
- Polyurethane
- PVC (Poly-Vinyl-chloride)
- Stainless Steel
- Teflon
- Titanium

Process Details

INSTECH low temperature plasma sterilizers utilize strong electro magnetic fields to create a hydrogen peroxide plasma cloud. The sterilization process has two stages: diffusion and plasma.

- Diffusion: Unsterilized objects are placed into a vacuum chamber. Hydrogen peroxide vapour is injected and left to diffuse throughout the chamber for a specific time.
- Plasma: Specific radio frequencies are introduced into the chamber converting vapour to plasma.



INSTECH PVS130



INSTECH PVS60

Model Specifications

Model	INSTECH PVS130	INSTECH PVS60
External Dimensions (L * W * H)	1060 * 860 * 1660	940 * 650 * 1510
Chamber Dimensions (L * W * H)	432 * 790 * 420	320 * 652 * 330
Weight	470 KG	270 KG
Chamber Capacity	130 L	60 L
Control Interface	7" LCD (Touch Screen)	
External Temperatures	~ 5°C - 40°C	
Humidity	~ 30% - 80%	
Rated Input	AC 220V/ 50 Hz	
Rated Power	3.6 kW	2.5 kW
Internal Temperatures	~ 40°C - 55°C	
Cycle Period	~30 - 60 mins	~20 - 60 mins

All specifications can be altered to meet client needs

Address: Hall No. 5, Plot No. 173/3, Rajendra Nagar Industrial Area, Mohan Nagar, Ghaziabad, Uttar Pradesh, India PIN 201007
E-Mail: instechsystems@gmail.com, Mobile: 9873069138, 8896456000